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(54) Title: TRANSMISSION METHOD AND RADIO SYSTEM

(57) Abstract

The invention relates to a transmission method and a radio system comprising a base transceiver station (200) acting as a transceiver and at least two subscriber terminals (100, 101) acting as transceivers which are connected to each other by means of a signal propagating through the base transceiver station (200), which signal contains speech or data. A transceiver in the radio system comprises a coder (122), which codes the signal being transmitted to the radio path, and a decoder (114), which decodes the signal received by the transceiver, which has propagated in the radio path in the radio channel formed for the connection between the subscriber terminal and the base transceiver station. The radio system comprises measuring means (115) which measure the status of the radio channel

formed between the base transceiver station and the subscriber terminal, transmission means (124) which transmit a control signal on the basis of the measurement results of the measuring means (115) from the transceiver in DTX mode to the transceiver with which the transceiver in DTX mode has formed a radio channel. The transmission means transmit the control signal at a power level which is lower than the power level used for transmitting speech or data signals. In addition, the radio system comprises control means (120) which update operating parameters with the received control signals from the transceiver which is connected to the transceiver in DTX mode by means of the radio channel.

